



Safety Data Sheet

Legal Disclaimer

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1. Identification of Products

Product Name:

Guardex No Green

Product Code:

20 35 586 010

20 35 000 325:

Pool Starter Kit – Chlorine

Chemical Name:

N-Alkyl –N, N-dimethyl-N-benzylammonium chloride.

Other names:

Quat Algaecide (40 %), Quaternary Ammonium Compound (QAC), Barquat DM – 50

Distributed by: Golden Coast Ltd | Fishleigh Road | Roundswell Commercial Park West | Barnstaple | Devon | EX31 3UA | Tel: 01271 378100 | e-mail: swimmer@goldenc.com

2. Composition

Substance:	N-Alkyl –N, N-dimethyl-N-benzylammonium chloride
Weight %:	40
EC Number:	270-325-2
CAS Number:	68424-85-1
R Phrases:	22, 34, 50
Symbol:	C, N
WEL:	-

3. Hazard Identification

Harmful if swallowed. Causes burns. Very toxic to aquatic organisms.



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4. First Aid Measures

Inhalation:

Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. Give oxygen. First aider needs to protect themselves. Seek professional medical attention immediately.

Skin contact:

Take off all contaminated clothing immediately. After contact with skin, wash immediately with plenty of soap and water. Seek professional medical attention immediately.

Eye contact:

Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. Call professional medical attention immediately.

Ingestion:

Call professional medical attention immediately. Clean mouth out with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Note:

When seeking medical attention, always show the product label.

5. Fire Fighting Measures

Suitable extinguishing media:

Dry powder, water spray, foam.

Hazardous combustion products:

Carbon dioxide and carbon monoxide and toxic fumes of organic and inorganic materials.

Required special protective equipment for fire fighters:

In the event of fire, wear self-contained breathing apparatus and full protective clothing.



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6. Accidental Release Measures

Personal precautions:

Wear suitable personal protective clothing as detailed in section 8.

Environmental precautions:

Do not flush into surface water or sanitary sewer system.

Methods for cleaning:

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local and national regulations.

7. Handling and Storage

Handling:

DO NOT MIX WITH OTHER CHEMICALS. Avoid contact with skin and eyes. Provide sufficient air exchange and/or exhaust in work rooms.

Storage:

Keep container tightly closed. To maintain product quality, do not store in heat or direct sunlight. Keep in a dry, cool and well-ventilated place.



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8. Exposure Controls / Personal Protection

Engineering controls:

Use local exhaust ventilation where practicable.

Respiratory protection:

Use respirator when performing operations involving potential exposure to vapour of the product.

Hand protection (type of gloves, etc):

Wear suitable gloves.

Skin protection:

Wear suitable protective clothing, gloves and eye/face protection.

Eye protection:

Wear eye/face protection.



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9. Physical and Chemical Properties

Physical state:

Liquid.

Appearance:

Blue.

Odour:

Aromatic.

pH:

5-7

Boiling point/ range:

ca. 100 °C

Flashpoint (°C):

160-170 °C

Density:

0.98 gcm³ (25 °C)

Viscosity:

ca. 300 mPa.s (20 °C)

Water solubility:

Completely miscible.



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10. Stability and Reactivity

Conditions to avoid:

Stable under normal conditions.

Materials to avoid:

Reacts with oxidising and reducing agents, acids and alkalis.

Hazardous decomposition products:

Nitrogen, carbon monoxide. Carbon dioxide.

11. Toxicological Information

Ingestion:

Acute oral toxicity (LD50): ca. 344 mg/kg (species rat).

Skin:

Corrosive to skin.

Acute dermal toxicity (LD50): ca.3340 mg/kg (species rabbit).

Eyes:

Corrosive to eyes.



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12. Ecological Information

Ecotoxicity:

Toxicity to fish (LC50) 0.93 mg/l-1 (Rainbow Trout 96 hr)

Toxicity to daphnia (EC50) 0.0058 mg/l-1 (Daphnia magna 48 hr)

Mobility:

Adsorption/soil immobile.

Persistence and degradability:

Hydrolytically stable.

Bioaccumulative potential:

Does not bioaccumulate.

13. Disposal Considerations

Substance:

The organic ingredients can be incinerated in a suitable installation when in accordance with local regulations.

Container:

Where possible recycling is preferred to disposal or incineration.



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14. Transport Information

UN Number: UN3265

Proper shipping name (PSN), including any technical name:

Corrosive Liquid, Acidic, Organic,

N.O.S. (N-Alkyl(C12-C16)-N,N-dimethyl-N-benzylammonium chloride)

Class/Division: 8

Packing Group (if any): II

EAC: 2X

Hazard ID No.: 80

IMDG CODE: Marine pollutant: May be considered a marine pollutant



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15. Regulatory Information

Product Name:

No Green

Symbol:

C, N

Indication(s) of danger:

Corrosive, Dangerous for the Environment

Risk phrases:

R22:

Harmful if swallowed.

R34:

Causes burns.

R50:

Very toxic to aquatic organisms.

Safety phrases:

S1/2:

Keep locked up and out of the reach of children.

S24/25:

Avoid contact with skin and eyes.

S26:

In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

S27/28:

After case of contact with skin take off immediately all contaminated clothing and wash with plenty of water.

S37/38/39:

Wear suitable protective clothing, gloves and eye/face protection.

S45:

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S56:

Dispose of this material and its container to hazardous or special waste collection point.

Applicable EU provisions and associated UK legislation:

The Chemical (Hazards Information & Packaging) Regulations 2002.



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16. Other Information

Recommended uses and restrictions:

No further information.

Further information sources:

No further information.

Sources of key data used to compile Safety Data Sheet.

Approved supply list. Approved carriage list. EH40.

Note:

This data sheet does not constitute a user's assessment of workplace risk as required by HSW act, COSHH, management of health and safety at work regulations, or other health and safety legislation.